

Crop Weather Report

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 For the Month Ending: January 31, 2007

Issued: Weekly: April-October
 Monthly: November-March



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Agricultural Summary

Montana received below normal precipitation during the month of January. Thompson Falls received the highest amount of precipitation at 2.84 inches for the month. West Yellowstone had the low temperature of negative 51 degrees, and Stanford had the high temperature of 68 degrees. Topsoil moisture adequate and surplus, at 56 percent, is down from last month's 67 percent but up from last year's 53 percent. Subsoil moisture adequate and surplus is 37 percent, down from last month's 41 percent and last year's 44 percent.

The weather outlook for February 12th through the 18th is for below normal temperatures and near normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the mid 20s to the upper 30s and lows ranging from 5 to 20 degrees.

Soil Moisture Condition	This Month	Last Month	Last Year
Topsoil Moisture			
Very Short	9	6	7
Short	35	27	40
Adequate	54	66	49
Surplus	2	1	4
Subsoil Moisture			
Very Short	17	12	13
Short	46	47	43
Adequate	36	40	41
Surplus	1	1	3

Field Crops Report

Winter wheat condition for the month of January is similar to the previous month with 54 percent rated as good and excellent. Damage to winter wheat from wind, freeze, and drought is similar to a year ago. More moisture will be needed in the spring to improve soil conditions for this year's crops.

Crop Table	This Month	Last Month	Last Year
Winter Wheat - Condition			
Very poor	0	1	0
Poor	5	5	7
Fair	41	36	41
Good	44	47	44
Excellent	10	11	8
Winter Wheat - Wind Damage			
None	48	48	47
Light	34	45	38
Moderate	17	7	13
Heavy	1	0	2
Winter Wheat - Freeze and Drought Damage			
None	52	54	70
Light	37	41	22
Moderate	10	5	7
Heavy	1	0	1
Winter Wheat - Protectiveness of Snow Cover			
Very Poor	49	61	82
Poor	25	12	13
Fair	21	13	4
Good	5	8	1
Excellent	0	6	0

Livestock Report

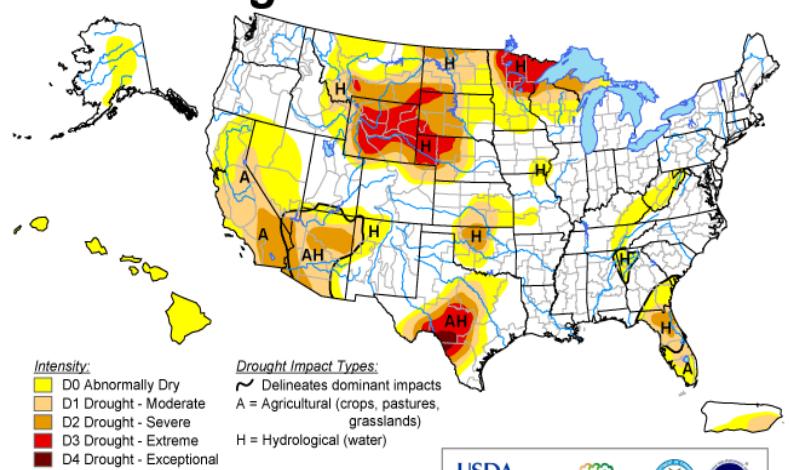
Recent cold temperatures have increased the supplemental feeding of livestock. Most cows are expected to start calving in February, but a few ranchers have already started calving. Most pastureland is open for grazing due to limited snowfall, but the acreage available is down from both the previous month and last year.

Livestock Table	This Month	Last Month	Last Year
Livestock Birthing			
Calving Completed	3	n/a	5
Lambing Completed	1	n/a	5
Receiving Supplemental Feed			
Cattle & Calves	94	79	94
Sheep & Lambs	96	83	95
Livestock Grazing			
Open	70	82	79
Difficult	18	13	11
Closed	12	5	10

U.S. Drought Monitor

January 30, 2007

Valid 7 a.m. EST



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Released Thursday, February 1, 2007
 Author: Brian Fuchs, National Drought Mitigation Center
<http://drought.unl.edu/dm>

Weather Information for the Month ending 01/31/2007

Station	Temperature				Precipitation January			Precipitation October 1 to date		
	Hi	Low	Avg	DFN	Total	DFN	% Nrm	Total	DFN	% Nrm
NORTHWEST										
Alberton	51	-6	24	+2	0.93	-0.31	75	7.84	+3.89	198
Anaconda	54	-21	23	+0	0.30	-0.39	43	4.09	+1.08	136
Clinton	49	-13	21	-3	0.64	-0.60	52	6.23	+2.28	158
Corvallis	55	-7	26	+2	0.37	-0.88	30	2.04	-2.13	49
Creston	47	-4	24	+3	0.36	-1.08	25	2.69	-3.14	46
Deer Lodge	50	-18	19	+2	0.10	-0.40	20	2.45	+0.43	121
Drummond	47	-15	22	+2	0.15	-0.84	15	2.33	-1.10	68
Hamilton	54	-5	27	+3	0.32	-0.93	26	3.42	-0.75	82
Kalispell	47	-5	22	+3	0.67	-0.86	44	4.23	-1.20	78
Missoula	50	-2	26	+4	0.27	-0.97	22	4.20	+0.25	106
Olney	38	-27	15	-5	2.26	-0.43	84	9.10	+0.34	104
Polson	50	0	26	+0	0.23	-1.01	19	3.69	-0.99	79
St Ignatius	54	-1	27	+2	0.29	-0.91	24	3.30	-1.07	76
Seeley Lake	47	-29	19	-1	1.25	-1.72	42	8.44	-0.58	94
Sula	50	-23	19	-3	0.72	-0.40	64	3.97	-0.50	89
Superior	53	-2	27	+1	0.59	-1.16	34	7.70	+1.51	124
Swan Lake	50	-11	22	-1	1.88	-1.27	60	11.17	-0.58	95
Thompson Falls	47	-10	23	-5	2.84	-0.05	98	12.47	+2.60	126
West Glacier	46	-16	22	+0	2.45	-0.77	76	12.74	+1.03	109
NORTH CENTRAL										
Chester	51	-23	19	+5	0.47	+0.04	109	2.21	+0.59	136
Chinook	54	-17	21	+7	0.48	-0.07	87	2.28	+0.29	115
Choteau	63	-12	28	+6	0.02	-0.27	7	1.14	-0.25	82
Cut Bank	57	-15	27	+10	0.12	-0.29	29	0.39	-1.12	26
Ft Assinniboine	53	-19	22	+7	0.41	-0.10	80	1.84	-0.20	90
Fort Benton	65	-13	26	+7	0.14	-0.56	20	2.43	-0.32	88
Goldbutte	57	-24	24	+5	0.65	+0.25	163	2.88	+1.04	157
Harlem	52	-18	20	+8	0.30	-0.20	60	2.20	+0.30	116
Havre	52	-17	24	+11	0.36	-0.17	68	1.77	-0.20	90
Malta	52	-16	23	+14	0.06	-0.35	15	2.08	+0.31	118
Rudyard	53	-17	21	+5	0.25	-0.37	40	2.37	-0.03	99
Shelby	57	-20	25	+6	0.13	-0.24	35	2.27	+0.70	145
Turner	48	-20	21	+11	0.03	-0.38	7	1.06	-0.71	60
Valier	55	-13	27	+8	0.20	-0.17	54	1.29	-0.28	82
NORTHEAST										
Bredette	48	-21	18	+9	0.10	-0.22	31	1.82	+0.23	114
Culbertson	50	-23	19	+10	0.14	-0.26	35	1.56	-0.44	78
Glasgow	47	-18	21	+11	0.12	-0.25	32	1.59	-0.05	97
Glendive	54	-12	25	+13	0.06	-0.40	13	1.47	-0.62	70
Jordan	60	-16	24	+9	0.17	-0.32	35	1.64	-0.45	78
Nashua	47	-20	20	+10	0.05	-0.32	14	1.86	+0.22	113
Opheim	46	-23	16	+9	0.07	-0.24	23	1.20	-0.14	90
Plentywood	51	-24	17	+9	0.05	-0.26	16	1.03	-0.57	64
St Marie	45	-20	20	+10	0.01	-0.36	3	1.05	-0.59	64
Scobey	47	-23	18	+9	0.00	-0.32	0	1.15	-0.44	72
Sidney	51	-15	22	+9	0.02	-0.39	5	1.29	-0.95	58
Wolf Point	49	-21	19	+7	0.02	-0.56	3	0.79	-1.56	34
CENTRAL										
Cascade	57	-19	26	+4	0.27	-0.30	47	2.80	+0.23	109
Grass Range	67	-10	27	+6	0.04	-0.73	5	3.60	+0.66	122
Great Falls	59	-7	29	+9	0.26	-0.65	29	2.85	-0.35	89
Harlowton	59	-16	24	+0	0.05	-0.45	10	3.38	+1.07	146
Helena	52	-8	27	+8	0.07	-0.56	11	2.32	+0.02	101
Lewistown	63	-13	26	+7	0.07	-0.91	7	3.40	-0.36	90
Martinsdale	58	-14	26	+3	0.00	-0.62	0	2.11	-0.23	90
Neihart	52	-19	23	+2	1.48	+0.43	141	7.03	+2.57	158
Rogers Pass	54	-14	25	+2	0.27	-0.25	52	3.61	+1.40	163
Roundup	61	-16	28	+5	0.00	-0.44	0	3.20	+1.11	153
Ryegate	65	-16	25	+7	0.14	-0.44	24	2.98	+0.72	132
Stanford	68	-14	28	+6	0.16	-0.57	22	3.17	+0.28	110
Townsend	54	-17	23	+0	0.04	-0.41	9	1.74	-0.20	90
Valentine	58	-15	24	+6	0.00	-0.56	0	2.68	+0.44	120
Wht Sulphur Spr	52	-19	24	+4	0.03	-0.98	3	1.47	-2.44	38
SOUTHWEST										
Boulder	49	-19	23	+2	0.09	-0.51	15	2.45	+0.28	113
Bozeman	50	-23	22	-1	0.76	-0.11	87	7.54	+3.14	171
Butte	46	-25	18	+2	0.09	-0.46	16	2.88	+0.67	130
Dillon	47	-19	21	-2	0.04	-0.21	16	2.00	+0.43	127
Ennis	53	-25	20	-4	0.12	-0.25	32	3.72	+1.36	158
Lakeview	40	-20	14	+3	0.32	-1.07	23	5.35	-0.06	99
W Yellowstone	38	-51	3	-10	0.60	-1.58	28	5.13	-2.65	66
Wisdom	43	-40	11	-5	0.39	-0.24	62	4.36	+1.64	160
SOUTH CENTRAL										
Billings	54	-17	27	+5	0.31	-0.59	34	3.91	+0.24	107
Cooke City	42	-24	18	+7	0.40	-2.04	16	4.30	-3.84	53
Gardiner	47	-22	20	-4	0.22	-0.24	48	2.90	+0.39	116
Hardin	63	-16	28	+11	0.07	-0.77	8	2.57	-1.23	68
Huntley	56	-19	24	+6	0.08	-0.55	13	3.22	+0.32	111
Hysham	56	-16	28	+9	0.14	-0.37	27	2.53	-0.04	98
Joliet	51	-29	22	-2	0.41	-0.33	55	4.66	+1.19	134
Livingston	54	-23	26	-2	0.07	-0.54	11	4.24	+1.13	136
Nye	57	-30	25	-2	0.35	-0.26	57	4.18	+1.07	134
Rapelje	59	-20	26	+4	0.00	-0.69	0	3.47	+0.26	108
SOUTHEAST										
Albion	60	-13	23	+8	0.12	-0.24	33	1.38	-0.82	63
Baker	59	-12	24	+9	0.04	-0.53	7	2.06	-0.40	84
Broadus	56	-11	26	+9	0.00	-0.50	0	1.74	-0.95	65
Ekalaka	58	-14	24	+7	0.07	-0.44	14	1.88	-0.98	66
Miles City	57	-10	25	+10	0.02	-0.53	4	1.08	-1.55	41
Plevna	60	-15	23	+8	0.08	-0.49	14	2.05	-0.41	83

Compiled by AWIS, Inc. based on NWS data. DFN - Departure from normal 1961-1990.